

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

1. (Original) A colored glass for lighting having a formula of $R'_2O-RO-SiO_2$, wherein R' is an alkali metal element and R is an alkaline earth metal element, characterized by adding 0.01-0.6 of weight ratio of Mo (molybdenum) as MoO_3 (molybdenum trioxide) and 0.01-1.0 of weight ratio of S (sulfur).

B1 2. (Original) The colored glass for lighting according to claim 1, characterized by adding 0.05-0.6 of weight ratio of Mo (molybdenum) as MoO_3 (molybdenum trioxide) and 0.02-0.75 of weight ratio S (sulfur).

3. (Currently Amended) The colored glass for lighting according to claim 1, further containing TiO_2 (titanium dioxide).

4. (Previously Presented) The colored glass for lighting according to claim 1, further containing TiO_2 and a rare earth oxide.

5. (Original) The colored glass for lighting according to claim 4, wherein the rare earth oxide is at least one selected from La_2O_3 (lanthanum oxide) and Nd_2O_3 (neodymium oxide).

6. (Currently Amended) A method for producing a colored glass bulb for lighting, comprising

(B1) forming a colored glass having a formula of $\text{R}'_2\text{O}-\text{RO}-\text{SiO}_2$ (wherein R' is an alkali metal element and R is an alkaline earth metal element) added with 0.01-0.6 of weight ratio of Mo (molybdenum) as MoO_3 (molybdenum trioxide) and 0.01-1.0 of weight ratio of S (sulfur), to a shaped hollow article ~~desired shape~~, and

heating the shaped hollow article to $400-620^\circ\text{C}$ to apply a coloring treatment thereto.

7. (Currently Amended) The method according to claim 6, wherein said heating in the coloring treatment is carried out at a temperature of from 450 to 580°C for at most ~~during a period of~~ within 1 hour.

8. (Currently Amended) A colored glass bulb for lighting produced according to claim 6, used for a lamp for a turn signal ~~lamp~~ lamp and a cover for a fog lamp of automobiles.

9. (Previously Added) The colored glass for lighting according to claim 2, further containing TiO_2 (titanium dioxide).

10. (Previously Added) The colored glass for lighting according to claim 2, further containing TiO_2 and a rare earth oxide.

11. (Previously Added) The colored glass for lighting according to claim 10, wherein the rare earth oxide is at least one selected from La_2O_3 (lanthanum oxide) and Nd_2O_3 (neodymium oxide).

12. (Currently Amended) A colored glass bulb for lighting produced according to claim 7, used for a lamp for a turn signal ~~lamp~~ lamp and a cover for a fog lamp of automobiles.

13. (New) A colored glass for lighting having a formula of $\text{R}'_2\text{O}-\text{RO}-\text{SiO}_2$, wherein R' is an alkali metal element and R is an alkaline earth metal element, comprising:

0.01-0.6 of weight ratio of Mo (molybdenum) as MoO_3 (molybdenum trioxide);

0.01-1.0 of weight ratio of S (sulfur), and

2.2 wt% or more of SrO as RO .

14. (New) A colored glass for lighting having a formula of $R'_2O-RO-SiO_2$, wherein R' is an alkali metal element and R is an alkaline earth metal element, comprising:

0.01-0.6 of weight ratio of Mo (molybdenum) as MoO_3 (molybdenum trioxide); and

0.01-1.0 of weight ratio of S (sulfur), and

2.5 wt% or more of BaO is included as RO.

15. (New) A colored glass for lighting having a formula of $R'_2O-RO-SiO_2$, wherein R' is an alkali metal element and R is an alkaline earth metal element, comprising:

0.01-0.6 of weight ratio of Mo (molybdenum) as MoO_3 (molybdenum trioxide) and

0.01-1.0 of weight ratio of S (sulfur), and

wherein the glass has a yellow color within the following range according to the XYZ color system established by Commission International de l'Eclairage:

1) $y=0.39$

2) $y=0.79-0.67x$

3) $y=x-0.12$.

16. (New) A colored glass for lighting having a formula of $R'_2O-RO-SiO_2$, wherein R' is an alkali metal element and R is an alkaline earth metal element, comprising:

0.01-0.6 of weight ratio of Mo (molybdenum) as MoO_3 (molybdenum trioxide) and

0.01-1.0 of weight ratio of S (sulfur), and

wherein the glass has a yellow color within the following range according to the XYZ color system established by Commission International de l'Eclairage:

1) $y \geq 0.138 + 0.580x$

2) $y \leq 1.290x - 0.100$

3) $y \geq -x + 0.940$

4) $y \leq -x + 0.992$

5) $y \geq 0.440$.

17. (New) A method for producing a colored glass tube for lighting, comprising:

forming a colored glass having a formula of $R'_2O-RO-SiO_2$ (wherein R' is an alkali metal element and R is an alkaline earth metal element) added with 0.01-0.6 of weight ratio of Mo (molybdenum) as MoO_3 (molybdenum trioxide) and 0.01-1.0 of weight ratio of S (sulfur), to a glass tube.

18. (New) The method according to claim 17, further comprising adding 0.05-0.6 of weight ratio of Mo (molybdenum) as MoO_3 (molybdenum trioxide) and 0.02-0.75 of weight ratio S (sulfur).

19. (New) The method according to claim 17, wherein 2.2 wt% or more of SrO is included as RO.

20. (New) The method according to claim 17, wherein 2.5 wt% or more of BaO is included as RO.

21. (New) The method according to claim 17, further containing TiO_2 (titanium dioxide).

22. (New) The method according to claim 21, further containing a rare earth oxide.

23. (New) The method according to claim 22, wherein the rare earth oxide is at least one selected from La_2O_3 (lanthanum oxide) and Nd_2O_3 (neodymium oxide).

24. (New) A colored glass tube for lighting produced by a method according to claim 17.

25. (New) A colored glass tube for lighting, made of a glass having a formula of $R^1_2O-RO-SiO_2$, wherein R^1 is an alkali metal element and R is an alkaline earth metal element, the glass comprising:

0.01-0.6 of weight ratio of Mo (molybdenum) as MoO_3 (molybdenum trioxide) and

0.01-1.0 of weight ratio of S (sulfur).

26. (New) A method for producing a colored glass bulb for lighting, comprising forming a colored glass having a formula of $R^1_2O-RO-SiO_2$ (wherein R^1 is an alkali metal element and R is an alkaline earth metal element) added with 0.01-1.0 of weight ratio of S (sulfur), to the bulb having a desired shape.

27. (New) The method according to claim 26, comprising forming the colored glass to a glass tube, and forming the glass tube to the bulb.

28. (New) The method according to claim 26, wherein coloring treatment is applied to the bulb having the desired shape by heating.

29 (New) A colored glass bulb for lighting, produced by the method of claim 26.

30. (New) An automobile lamp comprising the colored glass bulb of claim 29, wherein said bulb is one of a turn signal lamp and a cover for fog lamps of automobiles.

31. (New) A colored glass bulb for lighting, made of a glass having a formula of $R'_2O-RO-SiO_2$, wherein R^1 is an alkali metal element and R is an alkaline earth metal element, comprising:

0.01-0.6 of weight ratio of Mo (molybdenum) as MoO_3 (molybdenum trioxide) and

0.01-1.0 of weight ratio of S (sulfur).

32. (New) The colored glass bulb for lighting according to claim 31, wherein the bulb has a yellow color within the following range according to the XYZ color system established by Commission Internationale de l'Eclairage:

1) $y=0.39$

2) $y=0.79-0.67x$

3) $y=x-0.12$.

33. (New) The colored glass bulb for lighting according to claim 31, wherein the bulb has a yellow color within the following range according to the XYZ color system established by Commission Internationale de l'Eclairage:

1) $y \geq 0.138 + 0.580x$

2) $y \leq 1.290x - 0.100$

3) $y \geq -x + 0.940$

4) $y \leq -x + 0.992$

5) $y \geq 0.440.$